

105215

Access DB# \_\_\_\_\_

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Name Robert (Felix) Shio Examiner # 79521 Date 10/1/03  
 Art Unit 1626 Phone Number 301-4002 Serial Number 09802341  
 Mail Box and Bldg Room Location 3D19/3D08 Results Format Preferred (circle) PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a brief statement of the search topic and describe as specifically as possible the subject matter to be searched. Include the chemical species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention

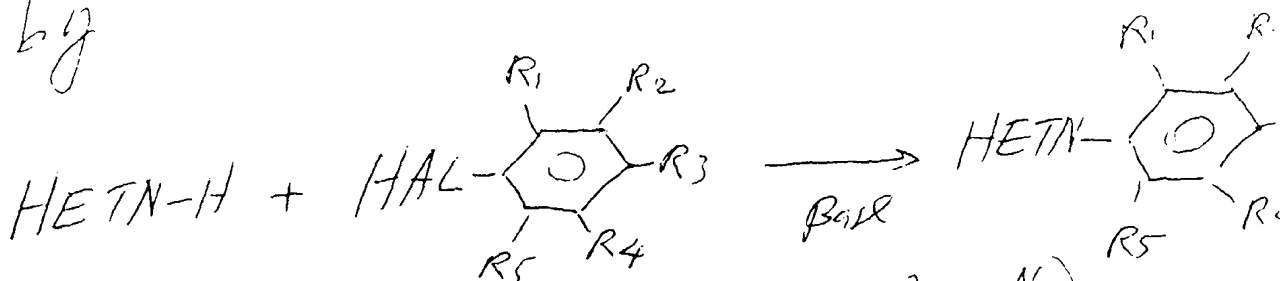
Inventors (please provide names)


Process for the synthesis of a pyridine  
with  
Perth et al

Earliest Priority Filing Date \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

I search for process for making formula I.  
 by



1. HETN is indole, or pyrrole (  ).
2. R<sup>1</sup> ~ R<sup>5</sup> are sub. i.e. H, NO<sub>2</sub>, CN, alkoxycarbonyl (up to 5 carbons), aldehyde.
3. HAL is halogen.

Jan Delaval  
 Reference Librarian  
 Biotechnology & Chemical Library  
 CM1 1E07-703-308-4498  
 jan.delaval@uspto.gov

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher

NA Sequence #

STA

Searcher Phone #

AA Sequence #

Dia op

=> fil reg

FILE 'REGISTRY' ENTERED AT 10:38:32 ON 08 OCT 2003  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 7 OCT 2003 HIGHEST RN 600637-01-2  
 DICTIONARY FILE UPDATES: 7 OCT 2003 HIGHEST RN 600637-01-2

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
 PROPERTIES for more information. See STNote 27, Searching Properties  
 in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d sta que 125

L17 975876 SEA FILE=REGISTRY ABB=ON PLU=ON (NC4 OR NC4-C6)/ES AND  
 46.150.18/RID

L21 STR

			16		19		23
	G1 9		O		O		O
8 G1	1 <sup>2</sup> C	3 G1 10	C	O	Ak	C	Ak
	C		@14	15	17	@18	20
	6 C	5 <sup>4</sup> C				@22	C
7 G2	C	G1 11					Cy
							21
	G1 12						

	30		@35		@25
29 C	C	31 C	N		N
				24 C	C 26
		C 36			
34 C	C	C		C	C
	C	32 C		28 C	27
	33	37			

VAR G1=H/NO2/CN/14/CHO/18/22/NH2

VAR G2=35/25

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 1 24 35

NUMBER OF NODES IS 36

STEREO ATTRIBUTES: NONE

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 CM1 1E07 - 703-308-4498  
[jan.delaval@uspto.gov](mailto:jan.delaval@uspto.gov)

L25 10136 SEA FILE=REGISTRY SUB=L17 SSS FUL L21

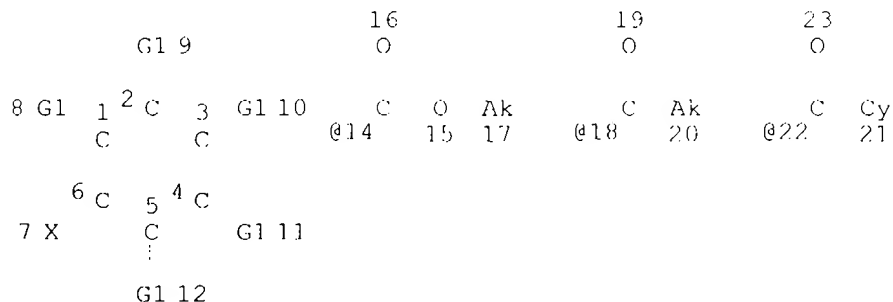
100.0% PROCESSED 59438 ITERATIONS  
SEARCH TIME: 00.00.10

10136 ANSWERS

=> d 126

L26 HAS NO ANSWERS

L26 STR



VAR G1=H/NO2/CN/14/CHO/18/22/NH2

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 1

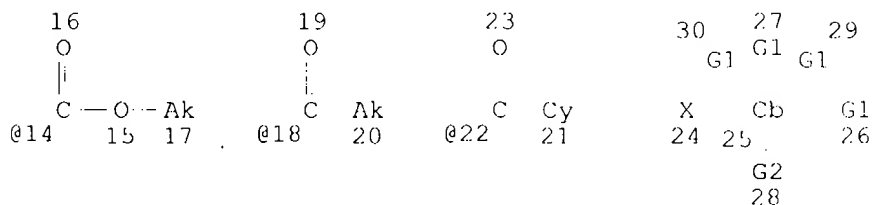
NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

=> d 182

L82 HAS NO ANSWERS

L82 STR



VAR G1=H/NO2/CN/14/CHO/18/22/NH2

VAR G2=NO2/CN/14/CHO/18/22/NH2

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 21

DEFAULT MLEVEL IS ATOM

GGCAT IS MCY UNS AT 25

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 17

STEREO ATTRIBUTES: NONE

=> d ide can 116 tot